

## Abstract

The present invention provides a Synchronous Digital Hierarchy (SDH) tributary module supporting multiple service processing, which includes an SDH tributary processing unit and at least two service processing units, the SDH tributary processing unit which is connected with each of the service processing units respectively multiplexing and demultiplexing different service signals in an SDH signal, and each of the service processing units which is directly connected with a corresponding local interface respectively mapping and unmapping corresponding service signals. The tributary module further includes a multiple service cross processing unit which is connected with each of the service processing units to implement interconnection among different services. The present invention can reduce the number of board and avoid using external network line or equipment, so as to reduce the cost of equipment, facilitate the maintenance of equipment and improve the reliability of equipment.